



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of

## Complete if Known

Application Number	10/668,674
Filing Date	09/23/03
First Named Inventor	Richard Sapienza
Art Unit	--
Examiner Name	--
Attorney Docket Number	1028-019

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
AJG	AA	US-	4,448,702	05/15/1984	Kaes	CLASS figures appear SUB
AJG	AB	US-	4,329,449	05/11/1982	Roth, et al.	
AJG	AC	US-	4,960,531	10/02/1990	Connor, et al.	
AJG	AD	US-	5,993,684	11/30/1999	Back, et al.	
AJG	AE	US-	4,501,775	02/26/1985	Parks, et al.	
AJG	AF	US-	3,711,409	01/16/1973	Ayres, et al.	
AJG	AG	US-	5,876,621	03/02/1999	Sapienza	
AJG	AH	US-	5,980,774	11/09/1999	Sapienza	
AJG	AI	US-	6,129,857	10/10/2000	Sapienza	
AJG	AJ	US-	6,506,318	01/14/2003	Sapienza, et al.	
AJG	AK	US-	6,080,330	06/27/2000	Bloomer	
AJG	AL	US-	4,676,918	06/30/1987	Toth, et al.	
AJG	AM	US-	5,709,812	01/20/1998	Janke, et al.	
AJG	AN	US-	5,709,813	01/20/1998	Janke, et al.	
AJG	AO	US-	5,635,101	06/03/1997	Janke, et al.	
AJG	AP	US-	5,324,442	06/28/1994	Mathews	
AJG	AQ	US-	6,299,793	10/09/2001	Hartley, et al.	
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

Examiner Signature	Anthony Guez	Date Considered	9/16/04
--------------------	--------------	-----------------	---------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.